



HYDRAULIC PROJECT APPROVAL
RCW 77.55.100 - appeal pursuant to Chapter 34.05 RCW

State of Washington
Department of Fish and Wildlife
Habitat Program
600 Capitol Way North, MS 3155
Olympia, Washington 98501-1091

DATE OF ISSUE: July 16, 2003

LOG NUMBER: GH-D9448-01

<u>PERMITTEE</u>	<u>AUTHORIZED AGENT OR CONTRACTOR</u>
Washington Department of Transportation (WSDOT) ATTENTION: Gregor Myhr P.O. Box 47300 Olympia, WA 98504-7300 (360) 705-7487	Not Applicable

PROJECT DESCRIPTION: Statewide Bridge and Ferry Terminal Cleaning, Painting, and General Maintenance and Repair

PROJECT DESCRIPTION FOR DATABASE: Over Water Structures, Water Crossing Structures, Bridge (incl. Ferry terminal), Maintenance, Repair, Restore, Permanent, Freshwater, Estuarine, Marine, Suspended above water, Natural, Wood, Manmade, Treated Timber, Copper/Arsenic Compounds, Concrete, Steel.

PROJECT LOCATION: Statewide Freshwater and Marine Bridges and Marine Ferry Terminals

#	<u>WRIA</u>	<u>WATER BODY</u>	<u>TRIBUTARY TO</u>	<u>1/4 SEC.</u>	<u>SEC.</u>	<u>TOWNSHIP</u>	<u>RANGE</u>	<u>COUNTY</u>
1	99.0000	All Freshwater and Marine Waters	All	Various	Var	Various	Various	All

NOTES

1. This statewide general Hydraulic Project Approval (HPA) includes eight separate work activities listed below included in bridge and ferry terminal cleaning, painting, and general maintenance and repair which are separated by description and provisions for the convenience of the permittee and the various work crews and contractors doing distinct work.. The specific provisions for each work activity are included in the appendices A-H of this general HPA.
2. This statewide general HPA replaces statewide general HPA, Log Number GH-9429-01, for some ferry terminal maintenance and repair and all other regionally issued general HPAs for any bridge and ferry terminal cleaning, painting, and general maintenance and repair as defined in the distinct project descriptions in the appendices (A-H). All other bridge and ferry terminal work shall require an individual HPA, unless covered by a separate general HPA.
3. See the most recent Memorandum of Agreement (MOA) between Washington Department of Fish and Wildlife (WDFW) and Washington State Department of Transportation (WSDOT) for guidance on procedures for emergencies and dispute resolution.

PROVISIONS

4. **TIMING LIMITATIONS:** The project may begin **Immediately** and shall be completed by **July 15, 2008**, provided:
 - a. The specific timing and work conditions for each specific project type in the provisions shall be followed.



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5. Work shall be accomplished per plans and specifications entitled, Bridge and Ferry Terminal Maintenance and Preservation Activities, dated July 15, 2003, and submitted to the WDFW, except as modified by this HPA. These plans reflect design criteria per Chapter 220-110 WAC. These plans reflect mitigation procedures to significantly reduce or eliminate impacts to fish resources. A copy of these plans shall be available on site during work. Eight separate work activities are included in the following appendices A-H and include:
- A. BRIDGE AND FERRY TERMINAL DECK AND DRAIN CLEANING.
 - B. BRIDGE CLEANING AND WASHING.
 - C. BRIDGE PAINTING, INCLUDING PREPARATORY CLEANING, WASHING, AND ABRASIVE BLASTING.
 - D. BRIDGE GENERAL MAINTENANCE AND REPAIR.
 - E. BRIDGE AND FERRY TERMINAL DECK OVERLAY REPLACEMENT.
 - F. FERRY TERMINAL CLEANING, WASHING, AND MARINE GROWTH REMOVAL.
 - G. FERRY TERMINAL PAINTING, INCLUDING PREPARATORY CLEANING, WASHING, ABRASIVE BLASTING, AND MARINE GROWTH REMOVAL.
 - H. FERRY TERMINAL GENERAL MAINTENANCE AND REPAIR

WDFW CONTACT NUMBERS:

Region 1 - Spokane	(509) 456-4082
Region 2 - Ephrata	(509) 754-4624
Region 3 - Yakima	(509) 575-2740
Region 4 - Mill Creek	(425) 775-1311
Region 5 - Vancouver	(360) 906-6700
Region 6 - Montesano	(360) 2494628
After hours/weekend statewide	(360) 902-2537

ECOLOGY CONTACT NUMBERS:

Central Region - Yakima	(509) 575-2490
Northwest Region - Bellevue	(425) 649-7000
Eastern Region - Spokane	(509) 456-2926
Southwest Region - Lacey	(360) 407-6300
After hours/weekend - use above numbers also.	
Office of Permit Assistance - Lacey	(360) 407-7037
	(800) 917-0043

SEPA: Exempt, no other non-exempt permits

APPLICATION ACCEPTED: July 15, 2003

ENFORCEMENT OFFICER: All Regional Offices [P3]

Teresa A. Eturaspe (360) 902-2557
Habitat Program

for Director
WDFW

cc: All Area Habitat Biologists, WDFW
All Regional Habitat Program Managers, WDFW
All Assistant Regional Habitat Program Managers, WDFW
All Regional Enforcement Officers, WDFW
All Regulatory Services, WDFW



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GENERAL PROVISIONS

This Hydraulic Project Approval (HPA) pertains only to the provisions of the Fisheries Code (RCW 77.55 - formerly RCW 75.20). Additional authorization from other public agencies may be necessary for this project.

This HPA shall be available on the job site at all times and all its provisions followed by the permittee and operator(s) performing the work.

This HPA does not authorize trespass.

The person(s) to whom this HPA is issued may be held liable for any loss or damage to fish life or fish habitat which results from failure to comply with the provisions of this HPA.

Failure to comply with the provisions of this Hydraulic Project Approval could result in a civil penalty of up to one hundred dollars per day or a gross misdemeanor charge, possibly punishable by fine and/or imprisonment.

All HPAs issued pursuant to RCW 77.55.100 or 77.55.200 are subject to additional restrictions, conditions or revocation if the Department of Fish and Wildlife determines that new biological or physical information indicates the need for such action. The permittee has the right pursuant to Chapter 34.04 RCW to appeal such decisions. All HPAs issued pursuant to RCW 77.55.110 may be modified by the Department of Fish and Wildlife due to changed conditions after consultation with the permittee: PROVIDED HOWEVER, that such modifications shall be subject to appeal to the Hydraulic Appeals Board established in RCW 77.55.170.

APPEALS - GENERAL INFORMATION

IF YOU WISH TO APPEAL A DENIAL OF OR CONDITIONS PROVIDED IN A HYDRAULIC PROJECT APPROVAL, THERE ARE INFORMAL AND FORMAL APPEAL PROCESSES AVAILABLE.

A. INFORMAL APPEALS (WAC 220-110-340) OF DEPARTMENT ACTIONS TAKEN PURSUANT TO RCW 77.55.100, 77.55.110, 77.55.140, 77.55.190, 77.55.200, and 77.55.290:

A person who is aggrieved or adversely affected by the following Department actions may request an informal review of:

- (A) The denial or issuance of a HPA, or the conditions or provisions made part of a HPA; or
- (B) An order imposing civil penalties.

It is recommended that an aggrieved party contact the Area Habitat Biologist and discuss the concerns. Most problems are resolved at this level, but if not, you may elevate your concerns to his/her supervisor. A request for an INFORMAL REVIEW shall be in WRITING to the Department of Fish and Wildlife, 600 Capitol Way North, Olympia, Washington 98501-1091 and shall be RECEIVED by the Department within 30-days of the denial or issuance of a HPA or receipt of an order imposing civil penalties. The 30-day time requirement may be stayed by the Department if negotiations are occurring between the aggrieved party and the Area Habitat Biologist and/or his/her supervisor. The Habitat Protection Services Division Manager or his/her designee shall conduct a review and recommend a decision to the Director or its designee. If you are not satisfied with the results of this informal appeal, a formal appeal may be filed.



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B. FORMAL APPEALS (WAC 220-110-350) OF DEPARTMENT ACTIONS TAKEN PURSUANT TO RCW 77.55.100 OR 77.55.140:

A person who is aggrieved or adversely affected by the following Department actions may request an formal review of:

- (A) The denial or issuance of a HPA, or the conditions or provisions made part of a HPA;
- (B) An order imposing civil penalties; or
- (C) Any other "agency action" for which an adjudicative proceeding is required under the Administrative Procedure Act, Chapter 34.05 RCW.

A request for a FORMAL APPEAL shall be in WRITING to the Department of Fish and Wildlife, 600 Capitol Way North, Olympia, Washington 98501-1091, shall be plainly labeled as "REQUEST FOR FORMAL APPEAL" and shall be RECEIVED DURING OFFICE HOURS by the Department within 30-days of the Department action that is being challenged. The time period for requesting a formal appeal is suspended during consideration of a timely informal appeal. If there has been an informal appeal, the deadline for requesting a formal appeal shall be within 30-days of the date of the Department's written decision in response to the informal appeal.

C. FORMAL APPEALS OF DEPARTMENT ACTIONS TAKEN PURSUANT TO RCW 77.55.110, 77.55.200, 77.55.230, or 77.55.290:

A person who is aggrieved or adversely affected by the denial or issuance of a HPA, or the conditions or provisions made part of a HPA may request a formal appeal. The request for FORMAL APPEAL shall be in WRITING to the Hydraulic Appeals Board per WAC 259-04 at Environmental Hearings Office, 4224 Sixth Avenue SE, Building Two - Rowe Six, Lacey, Washington 98504; telephone 360/459-6327.

D. FAILURE TO APPEAL WITHIN THE REQUIRED TIME PERIODS RESULTS IN FORFEITURE OF ALL APPEAL RIGHTS. IF THERE IS NO TIMELY REQUEST FOR AN APPEAL, THE DEPARTMENT ACTION SHALL BE FINAL AND UNAPPEALABLE.



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APPENDIX A

PROJECT DEFINITION: BRIDGE AND FERRY TERMINAL DECK AND DRAIN CLEANING:

This work typically occurs annually or more frequently for bridge and ferry terminal safety and appearance and includes sweeping and/or vacuuming the deck, sidewalks gutters, and drains. Cleaned debris is collected and contained and placed at a disposal site that has the appropriate regulatory approval. The only wash water that may enter state waters is direct drain flushing water after dry cleaning methods have been used in the drains. No work shall occur below the ordinary high water line (OHWL) or shall affect the bed of state waters.

1. **HAZARDOUS SPILL AND EROSION CONTROL:** As stated in the submitted plans, hazardous substance or material spill and soil erosion prevention and control shall comply with the most current version of the Water Quality Implementing Agreement (WQIA) between WSDOT and Ecology.
2. **FISH KILL/WATER QUALITY PROBLEM NOTIFICATION:** If at any time, as a result of project activities, fish are observed in distress, a fish kill occurs, or a water quality problem occurs, immediate notification shall be made to the regional offices of WDFW and Ecology in the attached telephone lists of regional offices.
3. Measures shall be used to prevent damage to the vegetation in the riparian (streamside or shoreline) area located within 200 feet perpendicular to the water and adjacent to the structure. Within the riparian area existing parking lots and open managed fields and lots may be used for staging work.
4. No work or equipment use shall occur below the ordinary high water line (OHWL) or shall affect the bed of state waters.
5. Deck shall first be cleaned using dry methods and equipment (scraping, sweeping, vacuuming) that will prevent debris and substances from entering state waters. Examples of debris and substances include, but are not restricted to:
 - a. bird nests and associated fecal material
 - b. dirt, moss, sediments, and rust
 - c. old paint chips and residue
 - d. petroleum products
 - e. cement chips
 - f. construction materials
 - g. chemicals or any other toxic or deleterious substances
6. If cleaned debris, substances, and/or deck wash water could enter state waters through deck drains, where practicable the drains shall be temporarily blocked to route water to the landward end(s) of the structure and onto vegetative areas.
7. Cleaned debris and substances from this project shall be collected and then contained and deposited above the limits of flood water or extreme high tide in a disposal site that has the appropriate regulatory



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approval. No debris and substances shall be placed in road drainages, wetlands, riparian (streamside or shoreline) areas, or on adjacent land where they may erode into state waters.

8. Washing shall be done with clean water. No detergents or other cleaning agents shall be used.
9. After dry cleaning methods have been completed debris accumulations remaining in the drains may be flushed with clean water.
10. No petroleum products, hydraulic fluids, chemicals, or any other polluting substances shall be allowed to enter state waters.



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APPENDIX B

PROJECT DEFINITION: BRIDGE CLEANING AND WASHING: This work typically occurs annually or less frequently, is not involved with preparation for structure painting, and includes bridge cleaning and washing of the superstructure required to prevent metal and material deterioration. This work does not require a water filter structure. This work includes first dry cleaning using scraping, sweeping, and vacuuming methods and equipment. Cleaned debris is collected and contained and placed in a disposal site that has the appropriate regulatory approval. Washing of the superstructure is done after dry cleaning with use of various types of washing equipment. The wash water may enter state waters. No work shall occur below the ordinary high water line (OHWL) or shall affect the bed of state waters.

1. **TIMING LIMITATIONS:** Work shall only occur during the following times and water conditions, to increase dilution of a potential concentration of sedimentation and associated pollutants in state waters:
 - a. West of the Cascade Mountain Crest: **November 1 to May 31.**
East of the Cascade Mountain Crest: **December 1 to June 30.**
 - b. Bridge washing work that will result in wash water entering state waters shall be restricted to when the bed of the water body under the part of the structure to be washed is covered with water.
2. **NOTIFICATION:** The local Regional Habitat Program Manager (RHPM) in the attached list of WDFW regional offices shall be notified (letter or fax) at least three (3) working days prior to start of work. Notification shall include:
 1. Agency name, contact person, and telephone number
 2. Water body name
 3. Bridge location, including road number, milepost, latitude, and longitude
 4. Starting date and estimated ending date for work
3. **ANNUAL REPORTING:** WSDOT shall submit to the WDFW Habitat Program, address 600 Capitol Way N. Olympia, WA 98501, a calendar year annual report of Bridge Cleaning and Washing work by January 31 of the following year. An annual report is also required if no work was conducted. The annual report shall include:
 - a. General: HPA Control number, permittee, contact person, address, telephone number, date of report, time period.
 - b. Summary: Total number of individual projects by region and statewide.
 - c. Problem(s) encountered: Provision violation, notification, corrective action, impacts to fish life and water quality from problem. If the Environmental Compliance Assurance Procedure (ECAP) was used, what activity triggered the procedure. *[these may be highlighted and specified in this section or included in the full list of projects completed below]*
 - d. Recommendations for improvement to BMPs and mitigation *[optional]*
 - e. List of individual projects completed: By region including water body name, bridge name, road number and milepost, latitude and longitude, date of work.
4. **HAZARDOUS SPILL AND EROSION CONTROL:** As stated in the submitted plans, hazardous substance or material spill and soil erosion prevention and control shall comply with the most current version of the Water Quality Implementing Agreement (WQIA) between WSDOT and Ecology.



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5. **FISH KILL/WATER QUALITY PROBLEM NOTIFICATION:** If at any time, as a result of project activities, fish are observed in distress, a fish kill occurs, or a water quality problem occurs, immediate notification shall be made to the regional offices of WDFW and Ecology in the attached telephone lists of regional offices.
6. Measures shall be used to prevent damage to the vegetation in the riparian (streamside or shoreline) area located within 200 feet perpendicular to the water and adjacent to the structure. Within the riparian area existing parking lots and open managed fields and lots may be used for staging work.
7. No work or equipment use shall occur below the ordinary high water line (OHWL) or shall affect the bed of state waters.
8. Bridge shall first be cleaned using dry methods and equipment (scraping, sweeping, vacuuming) that will prevent debris and substances from entering state waters, except residual grease may be removed by hand methods and degreaser on absorbent material, provided none of this material shall enter state waters. Examples of debris and substances include, but are not restricted to:
 - a. bird nests and fecal material
 - b. dirt, moss, sediments, and rust
 - c. old paint chips and residue
 - d. petroleum products
 - e. cement chips
 - f. construction materials
 - g. chemicals or any other toxic or deleterious substances
9. If cleaned debris, substances, and/or wash water could enter state waters through deck drains, where practicable the drains shall be temporarily blocked to route water to the landward end(s) of the structure and onto vegetative areas.
10. Cleaned debris and substances from this project shall be collected and then contained and deposited above the limits of flood water or extreme high tide in a disposal site that has the appropriate regulatory approval. No debris and substances shall be placed in road drainages, wetlands, riparian (streamside or shoreline) areas, or on adjacent land where they may be eroded into state waters.
11. Washing shall be done with clean water. No detergents or other cleaning agents shall be used.
12. Washing shall occur with the minimum water pressure necessary to accomplish the work to prevent existing paint from being removed and entering state waters.
13. After dry cleaning methods have been completed debris accumulations remaining in the drains may be flushed with clean water.
14. No petroleum products, hydraulic fluids, chemicals, or any other polluting substances shall be allowed to enter state waters.



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APPENDIX C

PROJECT DEFINITION: BRIDGE PAINTING, INCLUDING PREPARATORY CLEANING, WASHING, AND ABRASIVE BLASTING: This painting work typically occurs every 15-25 years and includes preparatory dry cleaning the superstructure to be painted using scraping, sweeping, and vacuuming methods and equipment. A debris and paint collection containment and water filter structure is required. Cleaned debris is collected and contained and placed at a disposal site that has the appropriate regulatory approval. After dry cleaning, washing of the superstructure to be painted is done with high pressure equipment followed by selective areas abrasive blasting. The filtered wash water may enter state waters. No work shall occur below the ordinary high water line (OHWL) or shall affect the bed of state waters, except it may include use of a temporary floating work platform.

1. **TIMING LIMITATIONS:**
 - a. Saltwater: If the bridge is less than fifty (50) feet in elevation above the water and the project includes a containment or filter structure or a temporary floating work platform that would result in temporary new area shading of eelgrass, kelp, and/or other intertidal wetland vascular plants longer than 72 hours, the shading part of the work shall only occur from **October 1 to April 30** of the following year, to prevent shading impacts to such saltwater vegetation habitat.
 - b. Freshwater: Anytime.
2. **NOTIFICATION:** The local Regional Habitat Program Manager (RHPM) in the attached list of WDFW regional offices shall be notified (letter or fax) at least three (3) working days prior to start of work. Notification shall include:
 - a. Agency name, contact person, and telephone number
 - b. Water body name
 - c. Bridge location, including road number, milepost, latitude, and longitude
 - d. Starting date and estimated ending date for work
3. **ANNUAL REPORTING:** WSDOT shall submit to the WDFW Habitat Program, address 600 Capitol Way N. Olympia, WA 98501, a calendar year annual report of Bridge Painting including Preparatory Cleaning, Washing, and Abrasive Blasting work by January 31 of the following year. An annual report is also required if no work was conducted. The annual report shall include:
 - a. General: HPA Control number, permittee, contact person, address, telephone number, date of report, time period.
 - b. Summary: Total number of individual projects by region and statewide.
 - c. Problem(s) encountered: Provision violation, notification, corrective action, impacts to fish life and water quality. If the Environmental Compliance Assurance Procedure (ECAP) was used, what activity triggered the procedure. *[these may be highlighted and specified in this section or included in the full list of projects completed below]*
 - d. Recommendations for improvement to BMPs and mitigation *[optional]*
 - e. List of individual projects completed: By region including water body name, bridge name, road number and milepost, latitude and longitude, date of work.



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4. **HAZARDOUS SPILL AND EROSION CONTROL:** As stated in the submitted plans, hazardous substance or material spill and soil erosion prevention and control shall comply with the most current version of the Water Quality Implementing Agreement (WQIA) between WSDOT and Ecology.
5. **FISH KILL/WATER QUALITY PROBLEM NOTIFICATION:** If at any time, as a result of project activities, fish are observed in distress, a fish kill occurs, or a water quality problem occurs, immediate notification shall be made to the regional offices of WDFW and Ecology in the attached telephone lists of regional offices.
6. Measures shall be used to prevent damage to the vegetation in the riparian (streamside or shoreline) area located within 200 feet perpendicular to the water and adjacent to the structure. Within the riparian area existing parking lots and open managed fields and lots may be used for staging work.
7. No work or equipment use shall occur below the ordinary high water line (OHWL) or shall affect the bed of state waters, except the use of a temporary floating work platform.
8. No disturbance to the stream banks or shoreline shall occur when placing or removing a temporary floating work platform.
9. Any temporary floating work platform shall not ground on the bed of state waters.
10. No temporary floating work platform anchoring shall occur in freshwater that would disturb fish spawning areas or in saltwater that would disturb eelgrass, kelp, and/or other intertidal wetland vascular plants.
11. Bridge shall first be cleaned using dry methods and equipment (scraping, sweeping, vacuuming) that will prevent debris and substances from entering state waters, except residual grease may be removed by hand methods and degreaser on absorbent material, provided none of this material shall enter state waters. Examples of debris and substances include, but are not restricted to:
 - a. bird nests and fecal material
 - b. dirt, moss, sediments, and rust
 - c. old paint chips and residue
 - d. blasting medium
 - e. petroleum products
 - f. cement chips
 - g. construction materials
 - h. chemicals or any other toxic or deleterious substances
12. If cleaned debris, substances, and/or wash water could enter state waters through deck drains, where practicable the drains shall be temporarily blocked to route water to the landward end(s) of the structure and onto vegetative areas.
13. Wash water and debris resulting from pressure washing, including but not restricted to dirt and old paint chips, shall be filtered through a filter structure capable of collecting all such debris.
14. Work that would result in debris and substances entering state waters, including but not restricted to dirt, abrasive blasting medium, old paint chips, and new paint, shall include a containment structure capable of collecting all such debris and substances.



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15. Debris and substances collected in the containment or filter structure shall be removed from the structure at least daily, whenever accumulations may place the structure at risk, and before its movement or removal.
16. Work shall not occur when weather conditions would place the containment or filter structure at risk and/or result in loss of containment or filtering of debris and substances.
17. Any containment or filter structure shall be routinely inspected and repaired as necessary to ensure its function.
18. Cleaned debris and substances from this project shall be collected and then contained and deposited above the limits of flood water or extreme high tide in a disposal site that has the appropriate regulatory approval. No debris and substances shall be placed in road drainages, wetlands, riparian (streamside and shoreline) areas, or on adjacent land where they may be eroded into state waters.
19. Washing shall be done with clean water. No detergents or other cleaning agents shall be used.
20. After dry cleaning methods have been completed debris accumulations remaining in the drains may be flushed with clean water.
21. No cleaning of any painting or other equipment or mixing or storing of paint and other polluting materials and substances shall be done over the water or in an area where a spill would result in these materials and substances entering state waters.
22. No petroleum products, hydraulic fluids, chemicals, or any other polluting substances shall be allowed to enter state waters.



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APPENDIX D

PROJECT DEFINITION: BRIDGE GENERAL MAINTENANCE AND REPAIR: This work occurs as necessary to maintain the bridge function and includes maintenance, repair, or replacement of structure components above state waters in their existing configuration. This work may include cap replacement or stringer addition or replacement. This work does not include new construction, replacement or expansion of the existing structure within state waters or the flood plain; work that could result in bridge structural failure; release of grindings or toxic materials to state waters; work below the ordinary high water line (OHWL); or work that affects the bed of state waters; except it may include use of a temporary floating work platform.

1. **TIMING LIMITATIONS:**

- a. **Saltwater:** If the structure is less than fifty (50) feet in elevation above the water and the project includes a containment or filter structure or a temporary floating work platform that would result in temporary new area shading of eelgrass, kelp, and/or other intertidal wetland vascular plants longer than 72 hours, the shading part of the work shall only occur from **October 1 to April 30** of the following year, to prevent shading impacts to such saltwater vegetation habitat.
- b. **Freshwater:** Anytime.

2. **ANNUAL REPORTING:** WSDOT shall submit to the WDFW Habitat Program, address 600 Capitol Way N. Olympia, WA 98501, a calendar year annual report of Bridge General Maintenance and Repair work; including work outside the rails, under the bridge, structural maintenance and repair, cap replacement, stringer addition or replacement, and use of a temporary floating work platform; by January 31 of the following year. An annual report is also required if no work was conducted. The annual report shall include:

- a. General: HPA Control number, permittee, contact person, address, telephone number, date of report, time period.
- b. Summary: Total number of individual projects by region and statewide.
- c. Problem(s) encountered: Provision violation, notification, corrective action, impacts to fish life and water quality. If the Environmental Compliance Assurance Procedure (ECAP) was used, what activity triggered the procedure. *[these may be highlighted and specified in this section or included in the full list of projects completed below]*
- d. Recommendations for improvement to BMPs and mitigation *[optional]*
- e. List of individual projects completed: By region including water body name, bridge name, road number and milepost, latitude and longitude, date of work.

3. **HAZARDOUS SPILL AND EROSION CONTROL:** As stated in the submitted plans, hazardous substance or material spill and soil erosion prevention and control shall comply with the most current version of the Water Quality Implementing Agreement (WQIA) between WSDOT and Ecology.

4. **FISH KILL/WATER QUALITY PROBLEM NOTIFICATION:** If at any time, as a result of project activities, fish are observed in distress, a fish kill occurs, or a water quality problem occurs, immediate notification shall be made to the regional offices of WDFW and Ecology in the attached telephone lists of regional offices.



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5. Measures shall be used to prevent damage to the vegetation in the riparian (streamside or shoreline) area located within 200 feet perpendicular to the water and adjacent to the structure. Within the riparian area existing parking lots and open managed fields and lots may be used for staging work.
6. No work or equipment use shall occur below the ordinary high water line (OHWL) or shall affect the bed of state waters, except the use of a temporary floating work platform.
7. No disturbance to the stream banks or shoreline shall occur when placing or removing a temporary floating work platform.
8. Any temporary floating work platform shall not ground on the bed of state waters.
9. No temporary floating work platform anchoring shall occur in freshwater that would disturb fish spawning areas or in saltwater that would disturb eelgrass, kelp, and/or other intertidal wetland vascular plants.
10. Work that would result in debris and substances entering state waters shall include a containment structure capable of collecting all such debris and substances.
11. Debris and substances collected in the containment structure shall be removed from the structure at least daily, whenever accumulations may place the structure at risk, and before its movement or removal.
12. Cleaned debris and substances from this project shall be collected and then contained and deposited above the limits of flood water or extreme high tide in a disposal site that has the appropriate regulatory approval. No debris and substances shall be placed in road drainages, wetlands, riparian (streamside or shoreline) areas, or on adjacent land where they may be eroded into state waters.
13. Any containment structure shall be routinely inspected and repaired as necessary to ensure its function.
14. No cleaning of any equipment or mixing or storing of any polluting materials and substances shall be done over the water or in an area where a spill would result in these materials and substances entering state waters.
15. No petroleum products, hydraulic fluids, chemicals, or any other polluting substances shall be allowed to enter state waters.



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APPENDIX E

PROJECT DEFINITION: BRIDGE AND FERRY TERMINAL DECK OVERLAY REPLACEMENT: This work includes removal and replacement of existing concrete or asphalt overlay of the deck road surface, gutters, and sidewalks only where a structurally sound subsurface exists that will prevent old or new overlay material from entering state waters. A debris, material, and substance collection containment structure is required only if any of these materials may enter state waters. This work shall not include debris, materials, or substances entering state waters; bridge or ferry terminal enlargement; replacement of stringers and/or other structural supports; work below the ordinary high water line (OHWL); or work that affects the bed of state waters.

1. **NOTIFICATION:** The local Regional Habitat Program Manager (RHPM) in the attached list of WDFW regional offices shall be notified (letter or fax) at least three (3) working days prior to start of work. Notification shall include:
 - a. Agency name, contact person, and telephone number
 - b. Water body name
 - c. Bridge location, including road number, milepost, latitude, and longitude; or ferry terminal location
 - d. Starting date and estimated ending date for work
2. **ANNUAL REPORTING:** WSDOT shall submit to the WDFW Habitat Program, address 600 Capitol Way N. Olympia, WA 98501, a calendar year annual report of Bridge and Ferry Terminal Deck Overlay Replacement work by January 31 of the following year. An annual report is also required if no work was conducted. The annual report shall include:
 - a. General: HPA Control number, permittee, contact person, address, telephone number, date of report, time period.
 - b. Summary: Total number of individual projects by region and statewide.
 - c. Problem(s) encountered: Provision violation, notification, corrective action, impacts to fish life and water quality. If the Environmental Compliance Assurance Procedure (ECAP) was used, what activity triggered the procedure. *[these may be highlighted and specified in this section or included in the full list of projects completed below]*
 - d. Recommendations for improvement to BMPs and mitigation *[optional]*
 - e. List of individual projects completed: By region including water body name, bridge or ferry terminal name, road number and milepost, latitude and longitude, date of work..
3. **HAZARDOUS SPILL AND EROSION CONTROL:** As stated in the submitted plans, hazardous substance or material spill and soil erosion prevention and control shall comply with the most current version of the Water Quality Implementing Agreement (WQIA) between WSDOT and Ecology.
4. **FISH KILL/WATER QUALITY PROBLEM NOTIFICATION:** If at any time, as a result of project activities, fish are observed in distress, a fish kill occurs, or a water quality problem occurs, immediate notification shall be made to the regional offices of WDFW and Ecology in the attached telephone lists of regional offices.
5. Measures shall be used to prevent damage to the vegetation in the riparian (streamside or shoreline) area located within 200 feet perpendicular to the water and adjacent to the structure. Within the riparian area existing parking lots and open managed fields and lots may be used for staging work.



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6. No work or equipment use shall occur below the ordinary high water line (OHWL) or shall affect the bed of state waters.
7. An existing structurally sound impervious subsurface shall be required to prevent old deck material and new surfacing material from entering state waters.
8. During physical or hydraulic removal of the old surface, the water and all removed debris and substances shall be fully contained to prevent them from entering state waters.
9. Bridge drains shall be blocked during old surface removal and new surface installation, to prevent water, debris, and substances from entering state waters.
10. Debris and substances collected in the containment structure shall be removed from the structure at least daily, whenever accumulations may place the structure at risk, and before its movement or removal.
11. Cleaned debris and substances from this project shall be collected and then contained and deposited above the limits of flood water or extreme high tide in a disposal site that has the appropriate regulatory approval. No debris and substances shall be placed in road drainages, wetlands, riparian (streamside or shoreline) areas, or on adjacent land where they may be eroded into state waters.
12. Any containment structure shall be routinely inspected and repaired as necessary to ensure its function.
13. No cleaning of any equipment or mixing or storing of any polluting materials and substances shall be done over the water or in an area where a spill would result in these materials and substances entering state waters.
14. New overlay material shall not be allowed to enter state waters.
15. No petroleum products, hydraulic fluids, chemicals, or any other polluting substances shall be allowed to enter state waters.



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APPENDIX F

PROJECT DEFINITION: FERRY TERMINAL CLEANING, WASHING, AND MARINE GROWTH

REMOVAL: This work includes external ferry terminal general cleaning and washing of the superstructure and marine growth removal from the in-water parts of the structure required to prevent material deterioration. This work typically occurs annually or less frequently and is not involved with preparation for structure painting. This work does not require a water filter structure. This work includes dry cleaning the superstructure using scraping, sweeping, and vacuuming methods and equipment. Cleaned debris is collected and contained and placed at an approved disposal site. Washing of the superstructure is done after cleaning with use of various types of washing equipment. The wash water may enter state waters. No work shall occur below the ordinary high water line (OHWL) or shall affect the bed of state waters, except it may include use of a temporary floating work platform and marine growth removal.

1. TIMING LIMITATIONS:

- a. **WASH WATER DILUTION:** Ferry terminal washing work shall be restricted to when the depth of water under the part of the structure to be washed is **greater than five (5) feet at its shallowest part**, to increase dilution of a potential concentration of sedimentation and associated pollutants in state waters.
- b. **SALTWATER VEGETATION PROTECTION:** If the project would result in temporary new shading of eelgrass, kelp, and/or other intertidal wetland vascular plants longer than 72 hours, the work that produces the shadow shall only occur from **October 1 through April 30** of the following year, to prevent shading impacts to such saltwater vegetation habitat.
- c. **JUVENILE SALMONID MIGRATION PROTECTION:** If a temporary floating work platform is used shoreward of minus 10 feet (tidal reference MLLW=0.0 feet) and/or closer than 25 feet from the water's edge at any water level, the use of a temporary floating work platform in this area shall only occur from **July 1 through February 15** of the following year, for the protection of outmigrating juvenile salmonids.

2. NOTIFICATION FOR FLOATING WORK PLATFORM USE: If a temporary floating work platform with greater than 20 feet wide is used, the local Regional Habitat Program Manager (RHPM) in the attached list of WDFW regional offices shall be notified (letter or fax) at least three (3) working days prior to start of work. Notification shall include:

- a. Agency name, contact person, and telephone number
- b. Water body name
- c. Ferry terminal location
- d. Starting date and estimated ending date for work

3. HAZARDOUS SPILL AND EROSION CONTROL: As stated in the submitted plans, hazardous substance or material spill and soil erosion prevention and control shall comply with the most current version of the Water Quality Implementing Agreement (WQIA) between WSDOT and Ecology.

4. FISH KILL/WATER QUALITY PROBLEM NOTIFICATION: If at any time, as a result of project activities, fish are observed in distress, a fish kill occurs, or a water quality problem occurs, immediate notification shall be made to the regional offices of WDFW and Ecology in the attached telephone lists of regional offices.



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5. Measures shall be used to prevent damage to the vegetation in the riparian (streamside or shoreline) area located within 200 feet perpendicular to the water and adjacent to the structure. Within the riparian area existing parking lots and open managed fields and lots may be used for staging work.
6. No work or equipment use shall occur below the ordinary high water line (OHWL)) or shall affect the bed of state waters, except the use of a temporary floating work platform and marine growth removal.
7. No disturbance to the shoreline shall occur when placing or removing a temporary floating work platform.
8. No temporary floating work platform anchoring or grounding shall occur in saltwater that would disturb eelgrass, kelp, and/or other intertidal wetland vascular plants.
9. Ferry terminal shall first be cleaned using dry methods and equipment (scraping, sweeping, vacuuming) that will prevent debris and substances from entering state waters, except residual grease may be removed by hand methods and degreaser on absorbent material, provided none of this material shall enter state waters. Examples of debris and substances include, but are not restricted to:
 - a. bird nests and associated fecal material
 - b. dirt, moss, sediments, and rust.
 - c. old paint chips and residue
 - d. petroleum products
 - e. cement chips
 - f. construction materials
 - g. chemicals or any other toxic or deleterious substances
10. If cleaned debris, substances, and/or wash water could enter state waters through deck drains, where practicable the drains shall be temporarily blocked to route water to the landward end of the ferry terminal and onto vegetative areas.
11. Marine growth may be removed from the ferry terminal, provided for existing pilings and other wood structures treated with creosote and preservative chemicals, methods shall be used that will include nets, tarps, or other appropriate equipment to prevent such removed growth from falling on the sea bed as much as possible. Any removed growth that falls on the sea bed shall be collected from the sea bed as much as possible, if feasible.
12. Marine growth removal from creosote or any other treated wood shall be restricted to the use of methods and tools that will minimize removal of the creosote or treated wood fibers.
13. Cleaned debris, marine growth, and substances from this project shall be collected and then contained and deposited above the limits of extreme high tide in a disposal site that has the appropriate regulatory approval. No debris, marine growth, and substances shall be placed in road drainages, wetlands, riparian (shoreline) areas, or on adjacent land where they may be eroded into state waters.
14. Washing shall be done with clean water. No detergents or other cleaning agents shall be used.
15. Washing shall occur with the minimum water pressure to prevent existing paint from being removed and entering state waters.



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16. After dry cleaning methods have been completed debris accumulations remaining in the drains may be flushed with clean water.
17. No petroleum products, hydraulic fluids, chemicals, or any other polluting substances shall be allowed to enter state waters.



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APPENDIX G

PROJECT DEFINITION: FERRY TERMINAL PAINTING, INCLUDING PREPARATORY CLEANING, WASHING, ABRASIVE BLASTING, AND MARINE GROWTH REMOVAL: This painting work typically occurs every 15-25 years and includes dry cleaning and washing the external superstructure and marine growth removal from the in- water parts of the structure to be painted using scraping, sweeping, and vacuuming methods and equipment. A debris and paint collection containment and water filter structure is required. Cleaned debris is collected and contained and placed at an approved disposal site. After dry cleaning, washing of the superstructure to be painted is done with high pressure equipment followed by selective areas abrasive blasting. The filtered wash water may enter state waters. No work shall occur below the ordinary high water line (OHWL) or shall affect the bed of state waters, except it may include use of a temporary floating work platform and marine growth removal.

1. TIMING LIMITATIONS:

- a. **WASH WATER DILUTION:** Ferry terminal washing work shall be restricted to when the depth of water under the part of the structure to be washed is **greater than five (5) feet at its shallowest part**, to increase dilution of a potential concentration of sedimentation and associated pollutants in state waters.
- b. **SALTWATER VEGETATION PROTECTION:** If the project would result in temporary new shading of eelgrass, kelp, and/or other intertidal wetland vascular plants longer than 72 hours, the work that produces the shadow shall only occur from **October 1 through April 30** of the following year, to prevent shading impacts to such saltwater vegetation habitat.
- c. **JUVENILE SALMONID MIGRATION PROTECTION:** If a temporary floating work platform is used shoreward of minus 10 feet (tidal reference MLLW=0.0 feet) and/or closer than 25 feet from the water's edge at any water level, the use of a temporary floating work platform in this area shall only occur from **July 1 through February 15** of the following year, for the protection of outmigrating juvenile salmonids.

2. NOTIFICATION: The local Regional Habitat Program Manager (RHPM) in the attached list of WDFW regional offices shall be notified (letter or fax) at least three (3) working days prior to start of work. Notification shall include:

- a. Agency name, contact person, and telephone number
- b. Water body name
- c. Ferry terminal location
- d. Starting date and estimated ending date for work

3. ANNUAL REPORTING: WSDOT shall submit to the WDFW Habitat Program, address 600 Capitol Way N. Olympia, WA 98501, a calendar year annual report of Ferry Terminal Painting including Preparatory Cleaning, Washing, and Abrasive Blasting work by January 31 of the following year. An annual report is also required if no work was conducted. The annual report shall include:

- a. **General:** HPA Control number, permittee, contact person, address, telephone number, date of report, time period.
- b. **Summary:** Total number of individual projects by region and statewide.
- c. **Problem(s) encountered:** Provision violation, notification, corrective action, impacts to fish life and water quality. If the Environmental Compliance Assurance Procedure (ECAP) was used, what activity triggered



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the procedure. *[these may be highlighted and specified in this section or included in the full list of projects completed below]*

- d. Recommendations for improvement to BMPs and mitigation *[optional]*
 - e. List of individual projects completed: By region including water body name or ferry terminal name, latitude and longitude, date of work.
-
4. **HAZARDOUS SPILL AND EROSION CONTROL:** As stated in the submitted plans, hazardous substance or material spill and soil erosion prevention and control shall comply with the most current version of the Water Quality Implementing Agreement (WQIA) between WSDOT and Ecology.
 5. **FISH KILL/WATER QUALITY PROBLEM NOTIFICATION:** If at any time, as a result of project activities, fish are observed in distress, a fish kill occurs, or a water quality problem occurs, immediate notification shall be made to the regional offices of WDFW and Ecology in the attached telephone lists of regional offices.
 6. Measures shall be used to prevent damage to the vegetation in the riparian (streamside or shoreline) area located within 200 feet perpendicular to the water and adjacent to the structure. Within the riparian area existing parking lots and open managed fields and lots may be used for staging work.
 7. No work or equipment use shall occur below the ordinary high water line (OHWL) or shall affect the bed of state waters, except the use of a temporary floating work platform and marine growth removal.
 8. No disturbance to the shoreline shall occur when placing or removing a temporary floating work platform.
 9. No temporary floating work platform anchoring or grounding shall occur in saltwater that would disturb eelgrass, kelp, and/or other intertidal wetland vascular plants.
 10. Ferry terminal shall first be cleaned using dry methods and equipment (scraping, sweeping, vacuuming) that will prevent debris and substances from entering state waters, except residual grease may be removed by hand methods and degreaser on absorbent material, provided none of this material shall enter state waters. Examples of debris and substances include, but are not restricted to:
 - a. bird nests and associated fecal material
 - b. dirt, moss, sediments, and rust
 - c. old paint chips and residue
 - d. petroleum products
 - e. cement chips
 - f. construction materials
 - g. chemicals or any other toxic or deleterious substances
 11. If cleaned debris, substances, and/or wash water could enter state waters through deck drains, where practicable the drains shall be temporarily blocked to route water to the landward end of the ferry terminal and onto vegetative areas.
 12. Work that would result in debris and substances entering state waters, including but not restricted to dirt, abrasive blasting medium, old paint chips, and new paint, shall include a containment structure capable of collecting all such debris and substances.



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13. Wash water and debris resulting from pressure washing, including but not restricted to dirt and old paint chips, shall be filtered through a filter structure capable of collecting all such debris.
14. Debris and substances collected in the containment or filter structure shall be removed from the structure at least daily, whenever accumulations may place the structure at risk, and before its movement or removal.
15. Work shall not occur when weather conditions would place the containment or filter structure at risk and/or result in loss of containment or filtering of debris and substances.
16. Any containment or filter structure shall be routinely inspected and repaired as necessary to ensure its function.
17. Marine growth may be removed from the ferry terminal, provided for existing pilings and other wood structures treated with creosote and preservative chemicals, methods shall be used that will include nets, tarps, or other appropriate equipment to prevent such removed growth from falling on the sea bed as much as possible. Any removed growth that falls on the sea bed shall be collected from the sea bed as much as possible, if feasible.
18. Marine growth removal from creosote or any other treated wood shall be restricted to the use of hand tools and methods that will minimize removal of the creosote or treated wood fibers.
19. Cleaned debris, marine growth, and substances from this project shall be collected and then contained and deposited above the limits of extreme high tide in a disposal site that has the appropriate regulatory approval. No debris, marine growth, and substances shall be placed in road drainages, wetlands, riparian (shoreline) areas, or on adjacent land where they may be eroded into state waters.
20. Washing shall be done with clean water. No detergents or other cleaning agents shall be used.
21. After dry cleaning methods have been completed debris accumulations remaining in the drains may be flushed with clean water.
22. No cleaning of any painting or other equipment or mixing or storing of paint and other polluting materials and substances shall be done over the water or in an area where a spill would result in these materials and substances entering state waters.
23. No petroleum products, hydraulic fluids, chemicals, or any other polluting substances shall be allowed to enter state waters.



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APPENDIX H

PROJECT DEFINITION: FERRY TERMINAL GENERAL MAINTENANCE AND REPAIR: This work occurs as needed and includes ferry terminal general maintenance and repair of external superstructures and other structures associated with operation of the facility in their existing location and configuration. This work usually occurs over water but may include in-water or intertidal sea bed work including diving, marine growth removal, structural bracing replacement, or use of a temporary floating work platform (barge, derrick, boat). Specific examples of work include, but are not restricted to, repair and replacement of wingwall rub timbers and polyethylene fender panels; wood, steel, and polyethylene dolphin panels and fenders; cross bracing; hanger bars; transfer spans; bolting and lashing associated with dolphins, wingwalls, and towers; anchor chain repair and replacement; counterweights and cables; cathodic protection anodes; and structures above the dock. A collection containment structure is required if any polluting debris, material, or substance may enter state waters. This work shall not include any penetration of the sea bed by excavation, boring, or pile driving; addition to or enlargement of any structure; work that could result in ferry terminal structural failure; and polluting debris, materials, or substance entering state waters.

1. TIMING LIMITATIONS:

- a. **SALTWATER VEGETATION PROTECTION:** If the project would result in temporary new shading of eelgrass, kelp, and/or other intertidal wetland vascular plants longer than 72 hours, the work that produces the shadow shall only occur from **October 1 through April 30** of the following year, to prevent shading impacts to such saltwater vegetation habitat.
- b. **JUVENILE SALMONID MIGRATION PROTECTION:** If a temporary floating work platform is used shoreward of minus 10 feet (tidal reference MLLW=0.0 feet) and/or closer than 50 feet from the water's edge at any water level, the use of a temporary floating work platform in this area shall only occur from **July 1 through February 15** of the following year, for the protection of outmigrating juvenile salmonids.

2. NOTIFICATION FOR FLOATING WORK PLATFORM USE: If a temporary floating work platform with greater than 20 feet wide is used, the local Regional Habitat Program Manager (RHPM) in the attached list of WDFW regional offices shall be notified (letter or fax) at least three (3) working days prior to start of work. Notification shall include:

- a. Agency name, contact person, and telephone number
- b. Water body name
- c. Ferry terminal location
- d. Starting date and estimated ending date for work

3. ANNUAL REPORTING: WSDOT shall submit to the WDFW Habitat Program, address 600 Capitol Way N. Olympia, WA 98501, a calendar year annual report of Ferry Terminal General Maintenance and Repair work that occurs below Mean Higher High Water (MHHW) and any use of a temporary floating work platform greater than 20 feet wide by January 31 of the following year. An annual report is also required if no work was conducted. The annual report shall include:

- a. General: HPA Control number, permittee, contact person, address, telephone number, date of report, time period.
- b. Summary: Total number of individual projects by WSDOT region and statewide.



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- c. Problem(s) encountered: Provision violation, notification, corrective action, impacts to fish life and water quality. If the Environmental Compliance Assurance Procedure (ECAP) was used, what activity triggered the procedure. *[these may be highlighted and specified in this section or included in the full list of projects completed below]*
 - d. Recommendations for improvement to BMPs and mitigation *[optional]*
 - e. List of individual projects completed: By region including water body name, ferry terminal name, latitude and longitude of project.
-
- 4. **HAZARDOUS SPILL AND EROSION CONTROL:** As stated in the submitted plans, hazardous substance or material spill and soil erosion prevention and control shall comply with the most current version of the Water Quality Implementing Agreement (WQIA) between WSDOT and Ecology.
 - 5. **FISH KILL NOTIFICATION:** If at any time, as a result of project activities, fish are observed in distress or a fish kill occurs, operations shall cease and immediate notification shall be made to the regional offices of WDFW and Ecology in the attached telephone lists of regional offices. Work shall not resume until notice to proceed is given by WDFW. Additional approval may be required from Ecology.
 - 6. Measures shall be used to prevent damage to the vegetation in the riparian (shoreline) area located within 200 feet perpendicular to the water and adjacent to the structure. Within the riparian area existing parking lots and open managed fields and lots may be used for staging work.
 - 7. Geared mechanisms (wheels, tracks) of equipment shall not operate in the intertidal area.
 - 8. This work shall not include any penetration of the sea bed by excavation, boring, or pile driving.
 - 9. A temporary floating work platform may be used, provided no damage to the shoreline shall occur when placing or removing a temporary floating work platform.
 - 10. No grounding of a temporary floating work platform greater than 20 feet wide shall occur
 - 11. No temporary floating work platform anchoring or grounding shall occur in saltwater that would disturb eelgrass, kelp, and/or other intertidal wetland vascular plants.
 - 12. Work that would result in debris or substances entering state waters, including but not restricted to treated wood sawdust and cuttings, shall include a containment structure capable of collecting all such debris or substances.
 - 13. If a containment structure cannot be used because of restricted or difficult location or type of structure, a containment boom shall be placed around the work area to capture debris and cuttings.
 - 14. Cleaned debris or substances from any containment or boom structure shall be collected and then contained and deposited above the limits of extreme high tide in a disposal site that has the appropriate regulatory approval. No debris or substances shall be placed in road drainages, wetlands, riparian (shoreline) areas, or on adjacent land where they may be eroded into state waters.
 - 15. Debris or substances collected in the containment or boom structure shall be



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removed from the structure at least daily, whenever accumulations may place the structure at risk, and before its movement or removal.

16. Any containment or boom structure shall be routinely inspected and repaired as necessary to ensure its function.
17. Marine growth may be removed from the ferry terminal, provided for existing pilings or other wood structures treated with creosote or preservative chemicals, containment methods shall be used that will include nets, tarps, or other appropriate equipment to prevent such removed growth from falling on the sea bed as much as possible. Any removed growth that falls on the sea bed shall be collected from the sea bed as much as possible, if feasible.
18. Marine growth removal from creosote or any other treated wood shall be restricted to the use of hydraulic suctioning or hand tools and methods that will minimize removal of the creosote or treated wood fibers.
19. No cleaning of any equipment or mixing or storing of any polluting materials or substances shall be done over the water or in an area where a spill would result in these materials and substances entering state waters.
20. The use of wood treated with creosote or pentachlorophenol is not authorized.
21. All treated wood to be used for these projects shall meet or exceed the most current standards established in, "Best Management Practices for the Use of Treated Wood in Aquatic Environments" developed by the Western Wood Preservers Institute. Certification that the wood material was produced according to these BMPs shall be presented upon request by WDFW or Ecology.
22. No petroleum products, hydraulic fluids, chemicals, or any other polluting substances shall be allowed to enter state waters.